Growth Average annual growth of growing stock (cubic feet per year) on timberland by region (USDA Forest Inventory & Analysis data: 2008-2012).

			Estimate	e (cft/yr)	Sampling error (percent) ¹							
County	Northeast	Northwest	Central	Southwest	Southeast	Total	Northeast	Northwest	Central	Southwest	Southeast	Total
Ash	9,598,630	10,913,584	6,009,067	5,195,803	10,267,071	41,984,155	8.7	13.7	8.9	13.4	11.9	5.4
Aspen	20,236,178	26,827,221	7,627,664	2,147,963	3,664,534	60,503,560	10.0	9.2	20.4	55.0	25.6	6.4
Balsam Fir	4,764,860	1,867,107	387,473	37,297	-15,004	7,041,734	15.9	50.0	39.5	87.8	-299.2	17.2
Basswood	7,198,884	6,435,532	2,993,856	5,537,544	4,691,118	26,856,933	9.5	14.6	24.2	14.9	17.1	6.7
Elm	122,868	1,693,864	525,555	-937,694	-375,411	1,029,182	335.3	23.2	124.8	-127.2	-173.0	156.7
Hard maple	25,756,478	20,291,630	4,821,991	6,707,303	3,638,949	61,216,351	5.6	8.2	13.0	9.7	21.8	4.1
Hemlock	4,771,016	1,440,397	1,468,880	0	296,520	7,976,813	16.8	36.3	32.3	-	41.3	13.5
Jack pine	1,569,290	1,982,987	2,393,647	72,579	-13,275	6,005,229	59.4	27.2	29.1	50.0	-100.4	21.4
Paper Birch	-105,637	-3,449,243	-316,699	-2,173,883	-720,697	-6,766,159	-679.4	-24.7	-134.3	-42.6	-70.3	-23.5
Red oaks	10,379,148	14,518,875	15,719,654	14,194,652	3,554,359	58,366,688	10.9	8.8	12.3	11.4	19.0	5.3
Red pine	23,902,831	19,092,648	22,878,364	4,440,103	1,119,245	71,433,191	11.7	11.4	12.4	27.5	34.4	6.6
Soft maple	17,279,373	21,765,422	22,891,656	6,735,061	6,342,062	75,013,574	5.9	4.6	6.2	16.6	18.1	3.4
Spruce	5,346,374	2,201,355	1,283,358	751,071	1,603,818	11,185,976	14.1	35.3	37.4	43.3	55.4	13.5
White oaks	550,182	2,894,983	5,698,857	5,413,625	3,033,572	17,591,219	23.5	12.5	10.1	19.6	33.5	9.2
White pine	20,763,798	11,155,385	24,020,027	7,471,713	5,272,582	68,683,504	12.5	12.5	7.9	22.6	23.3	5.9
Yellow birch	979,027	865,393	548,333	86,172	138,117	2,617,042	29.7	73.8	32.0	53.3	50.3	27.8
Other species	14,201,192	7,905,729	5,535,062	15,953,963	16,217,055	59,813,000	8.3	13.8	16.7	8.2	10.2	4.7
Total	167,314,492	148,402,869	124,486,745	71,633,272	58,714,615	570,551,992	3.8	3.7	4.3	7.2	7.5	2.1

¹ Estimates with a sampling error of over 50% should be used with caution.

Removals Average annual removals of growing stock (cubic feet per year) on timberland by region (USDA Forest Inventory & Analysis data: 2008-2012).

		E:	stimate (cft/yr)		Sampling error ¹							
County	Northeast	Northwest	Central	Southwest	Southeast	Total	Northeast	Northwest	Central	Southwest	Southeast	Total
Ash	3,212,101	4,440,850	1,691,354	1,097,128	396,350	10,837,784	36.4	22.2	46.7	43.0	48.9	16.6
Aspen	22,386,994	31,610,405	9,654,695	6,687,843	687,368	71,027,306	16.5	13.2	22.0	33.7	58.5	9.0
Balsam Fir	2,916,294	3,008,819	163,263	0	12,345	6,100,722	26.4	23.5	69.6	-	100.4	17.3
Basswood	3,476,184	5,001,017	1,889,043	134,182	214,916	10,715,342	24.1	19.7	39.1	54.6	72.5	14.0
Elm	108,130	384,764	493,304	1,704,824	654,425	3,345,447	40.1	33.6	40.8	32.4	34.4	19.2
Hard maple	11,295,731	11,574,075	2,861,675	639,616	172,109	26,543,206	15.8	17.1	36.0	55.8	58.6	10.9
Hemlock	1,168,388	54,552	520,704	0	0	1,743,643	43.2	98.6	70.2	-	=	35.9
Jack pine	4,117,867	4,981,933	3,568,245	39,414	0	12,707,460	33.3	30.2	27.9	97.9	-	17.8
Paper Birch	4,664,487	5,678,065	1,084,721	1,088,855	124,587	12,640,715	21.5	19.4	30.9	36.1	71.4	12.5
Red oaks	6,098,395	9,351,524	11,766,001	11,089,830	1,319,679	39,625,430	24.3	22.9	16.8	29.6	52.0	11.8
Red pine	13,626,728	8,883,210	8,595,628	1,710,831	1,659,308	34,475,705	24.3	20.9	25.5	59.7	88.7	13.7
Soft maple	7,397,653	14,066,436	5,812,827	3,579,579	705,150	31,561,645	17.5	15.6	20.7	37.5	69.2	10.0
Spruce	3,198,301	1,297,153	0	0	0	4,495,455	33.1	52.1	-	-	-	27.9
White oaks	777,535	1,132,219	3,619,462	3,507,183	915,975	9,952,374	79.0	34.3	30.1	34.3	61.6	18.8
White pine	945,985	2,298,158	3,539,829	2,488,252	122,936	9,395,160	45.0	54.3	26.6	36.8	71.4	19.8
Yellow birch	1,703,183	1,156,623	182,869	0	0	3,042,675	31.4	41.9	70.5	-	-	24.1
Other species	3,210,236	2,095,108	2,061,729	6,714,400	2,488,062	16,569,534	26.9	52.4	27.3	32.5	32.7	16.7
Total	88,835,546	106,432,799	68,934,593	42,652,380	15,074,957	321,930,276	8.6	7.9	9.8	16.0	22.8	4.8

¹ Estimates with a sampling error of over 50% should be used with caution

Mortality Average annual mortality of growing stock (cubic feet per year) on timberland by region (USDA Forest Inventory & Analysis data: 2008-2012).

		E	stimate (cft/yr	Sampling error ¹								
County	Northeast	Northwest	Central	Southwest	Southeast	Total	Northeast	Northwest	Central	Southwest	Southeast	Total
Ash	739,551	3,103,291	832,506	685,353	1,755,755	7,116,455	24.7	16.0	29.1	33.9	31.8	11.8
Aspen	20,284,939	27,279,798	10,941,892	6,592,435	2,039,380	67,138,443	8.1	7.0	10.8	17.5	21.1	4.5
Balsam Fir	7,737,612	10,203,939	467,606	0	184,579	18,593,736	9.1	9.3	28.4	-	30.3	6.4
Basswood	1,644,856	2,665,394	1,069,736	677,456	228,330	6,285,771	20.0	19.3	48.4	29.5	59.0	13.3
Elm	2,089,905	1,560,883	3,286,436	11,502,751	5,464,244	23,904,218	20.9	20.6	20.1	11.1	13.8	7.1
Hard maple	1,857,148	2,559,669	153,914	317,618	56,867	4,945,216	24.7	17.2	46.2	47.1	55.7	13.3
Hemlock	733,652	579,293	9,184	0	27,675	1,349,804	47.8	47.0	95.5	-	100.4	33.0
Jack pine	1,699,043	2,228,736	2,953,476	90,323	71,501	7,043,080	25.9	20.8	18.1	74.4	100.4	11.9
Paper Birch	5,072,647	8,806,838	2,745,452	4,305,447	1,443,972	22,374,355	13.3	10.2	15.9	23.0	35.3	7.3
Red oaks	2,591,697	4,339,464	11,816,074	6,076,029	1,467,717	26,290,981	31.2	18.2	14.0	18.7	33.1	8.9
Red pine	516,554	256,346	1,730,803	319,743	344,793	3,168,238	40.6	60.5	26.2	78.4	63.8	19.6
Soft maple	1,948,978	3,979,908	1,995,714	1,579,190	346,856	9,850,646	16.1	13.5	19.6	38.2	41.3	9.8
Spruce	2,697,545	3,855,780	65,230	52,850	192,656	6,864,062	21.0	18.0	69.6	95.9	71.1	13.2
White oaks	0	433,766	1,139,231	2,591,574	1,808,239	5,972,809	-	41.3	31.5	29.1	36.2	18.0
White pine	1,141,725	1,021,177	660,783	436,351	174,476	3,434,512	46.5	37.2	26.9	49.1	49.2	20.8
Yellow birch	859,564	2,156,983	200,457	0	81,262	3,298,266	29.9	23.2	49.5	-	52.2	17.4
Other species	3,277,418	2,584,975	3,432,925	4,516,048	4,734,371	18,545,737	15.6	25.1	18.6	15.2	18.2	8.2
Total	48,448,318	70,069,025	39,413,289	35,326,766	18,471,531	211,728,931	4.5	4.0	5.9	6.9	8.3	2.4

¹ Estimates with a sampling error of over 50% should be used with caution

Growth Average annual growth of growing stock (cubic feet per year) on timberland by region (USDA Forest Inventory & Analysis data: 2008-2012).

	Percent of total for region							Percent of total for species						
County	Northeast	Northwest	Central	Southwest	Southeast	Total	Northeast	Northwest	Central	Southwest	Southeast	Total		
Ash	5.7%	7.4%	4.8%	7.3%	17.5%	7.4%	22.9%	26.0%	14.3%	12.4%	24.5%	100%		
Aspen	12.1%	18.1%	6.1%	3.0%	6.2%	10.6%	33.4%	44.3%	12.6%	3.6%	6.1%	100%		
Balsam Fir	2.8%	1.3%	0.3%	0.1%		1.2%	67.7%	26.5%	5.5%	0.5%		100%		
Basswood	4.3%	4.3%	2.4%	7.7%	8.0%	4.7%	26.8%	24.0%	11.1%	20.6%	17.5%	100%		
Elm	0.1%	1.1%	0.4%			0.2%	11.9%	164.6%	51.1%			100%		
Hard maple	15.4%	13.7%	3.9%	9.4%	6.2%	10.7%	42.1%	33.1%	7.9%	11.0%	5.9%	100%		
Hemlock	2.9%	1.0%	1.2%		0.5%	1.4%	59.8%	18.1%	18.4%	0.0%	3.7%	100%		
Jack pine	0.9%	1.3%	1.9%	0.1%		1.1%	26.1%	33.0%	39.9%	1.2%		100%		
Paper Birch								•				100%		
Red oaks	6.2%	9.8%	12.6%	19.8%	6.1%	10.2%	17.8%	24.9%	26.9%	24.3%	6.1%	100%		
Red pine	14.3%	12.9%	18.4%	6.2%	1.9%	12.5%	33.5%	26.7%	32.0%	6.2%	1.6%	100%		
Soft maple	10.3%	14.7%	18.4%	9.4%	10.8%	13.1%	23.0%	29.0%	30.5%	9.0%	8.5%	100%		
Spruce	3.2%	1.5%	1.0%	1.0%	2.7%	2.0%	47.8%	19.7%	11.5%	6.7%	14.3%	100%		
White oaks	0.3%	2.0%	4.6%	7.6%	5.2%	3.1%	3.1%	16.5%	32.4%	30.8%	17.2%	100%		
White pine	12.4%	7.5%	19.3%	10.4%	9.0%	12.0%	30.2%	16.2%	35.0%	10.9%	7.7%	100%		
Yellow birch	0.6%	0.6%	0.4%	0.1%	0.2%	0.5%	37.4%	33.1%	21.0%	3.3%	5.3%	100%		
Other species	8.5%	5.3%	4.4%	22.3%	27.6%	10.5%	23.7%	13.2%	9.3%	26.7%	27.1%	100%		
Total	100%	100%	100%	100%	100%	100%	29.3%	26.0%	21.8%	12.6%	10.3%	100%		

Removals Average annual mortality of growing stock (cubic feet per year) on timberland by region (USDA Forest Inventory & Analysis data: 2008-2012).

			Percent of to	otal for region			F	ercent of to	tal for species			
County	Northeast	Northwest	Central	Southwest	Southeast	Total	Northeast	Northwest	Central	Southwest	Southeast	Total
Ash	3.6%	4.2%	2.5%	2.6%	2.6%	3.4%	29.6%	41.0%	15.6%	10.1%	3.7%	100%
Aspen	25.2%	29.7%	14.0%	15.7%	4.6%	22.1%	31.5%	44.5%	13.6%	9.4%	1.0%	100%
Balsam Fir	3.3%	2.8%	0.2%	0.0%	0.1%	1.9%	47.8%	49.3%	2.7%	0.0%	0.2%	100%
Basswood	3.9%	4.7%	2.7%	0.3%	1.4%	3.3%	32.4%	46.7%	17.6%	1.3%	2.0%	100%
Elm	0.1%	0.4%	0.7%	4.0%	4.3%	1.0%	3.2%	11.5%	14.7%	51.0%	19.6%	100%
Hard maple	12.7%	10.9%	4.2%	1.5%	1.1%	8.2%	42.6%	43.6%	10.8%	2.4%	0.6%	100%
Hemlock	1.3%	0.1%	0.8%	0.0%	0.0%	0.5%	67.0%	3.1%	29.9%	0.0%	0.0%	100%
Jack pine	4.6%	4.7%	5.2%	0.1%	0.0%	3.9%	32.4%	39.2%	28.1%	0.3%	0.0%	100%
Paper Birch	5.3%	5.3%	1.6%	2.6%	0.8%	3.9%	36.9%	44.9%	8.6%	8.6%	1.0%	100%
Red oaks	6.9%	8.8%	17.1%	26.0%	8.8%	12.3%	15.4%	23.6%	29.7%	28.0%	3.3%	100%
Red pine	15.3%	8.3%	12.5%	4.0%	11.0%	10.7%	39.5%	25.8%	24.9%	5.0%	4.8%	100%
Soft maple	8.3%	13.2%	8.4%	8.4%	4.7%	9.8%	23.4%	44.6%	18.4%	11.3%	2.2%	100%
Spruce	3.6%	1.2%	0.0%	0.0%	0.0%	1.4%	71.1%	28.9%	0.0%	0.0%	0.0%	100%
White oaks	0.9%	1.1%	5.3%	8.2%	6.1%	3.1%	7.8%	11.4%	36.4%	35.2%	9.2%	100%
White pine	1.1%	2.2%	5.1%	5.8%	0.8%	2.9%	10.1%	24.5%	37.7%	26.5%	1.3%	100%
Yellow birch	1.9%	1.1%	0.3%	0.0%	0.0%	0.9%	56.0%	38.0%	6.0%	0.0%	0.0%	100%
Other species	3.6%	2.0%	3.0%	15.7%	16.5%	5.1%	19.4%	12.6%	12.4%	40.5%	15.0%	100%
Total	100%	100%	100%	100%	100%	100%	27.6%	33.1%	21.4%	13.2%	4.7%	100%

Mortality Average annual mortality of growing stock (cubic feet per year) on timberland by region (2USDA Forest Inventory & Analysis data: 2008-2012).

			Percent of to	otal for region			Percent of total for species						
County	Northeast	Northwest	Central	Southwest	Southeast	Total	Northeast	Northwest	Central	Southwest	Southeast	Total	
Ash	1.5%	4.4%	2.1%	1.9%	9.5%	3.4%	10.4%	43.6%	11.7%	9.6%	24.7%	100%	
Aspen	41.9%	38.9%	27.8%	18.7%	11.0%	31.7%	30.2%	40.6%	16.3%	9.8%	3.0%	100%	
Balsam Fir	16.0%	14.6%	1.2%	0.0%	1.0%	8.8%	41.6%	54.9%	2.5%	-	1.0%	100%	
Basswood	3.4%	3.8%	2.7%	1.9%	1.2%	3.0%	26.2%	42.4%	17.0%	10.8%	3.6%	100%	
Elm	4.3%	2.2%	8.3%	32.6%	29.6%	11.3%	8.7%	6.5%	13.7%	48.1%	22.9%	100%	
Hard maple	3.8%	3.7%	0.4%	0.9%	0.3%	2.3%	37.6%	51.8%	3.1%	6.4%	1.1%	100%	
Hemlock	1.5%	0.8%	0.0%	0.0%	0.1%	0.6%	54.4%	42.9%	0.7%	-	2.1%	100%	
Jack pine	3.5%	3.2%	7.5%	0.3%	0.4%	3.3%	24.1%	31.6%	41.9%	1.3%	1.0%	100%	
Paper Birch	10.5%	12.6%	7.0%	12.2%	7.8%	10.6%	22.7%	39.4%	12.3%	19.2%	6.5%	100%	
Red oaks	5.3%	6.2%	30.0%	17.2%	7.9%	12.4%	9.9%	16.5%	44.9%	23.1%	5.6%	100%	
Red pine	1.1%	0.4%	4.4%	0.9%	1.9%	1.5%	16.3%	8.1%	54.6%	10.1%	10.9%	100%	
Soft maple	4.0%	5.7%	5.1%	4.5%	1.9%	4.7%	19.8%	40.4%	20.3%	16.0%	3.5%	100%	
Spruce	5.6%	5.5%	0.2%	0.1%	1.0%	3.2%	39.3%	56.2%	1.0%	0.8%	2.8%	100%	
White oaks	0.0%	0.6%	2.9%	7.3%	9.8%	2.8%	-	7.3%	19.1%	43.4%	30.3%	100%	
White pine	2.4%	1.5%	1.7%	1.2%	0.9%	1.6%	33.2%	29.7%	19.2%	12.7%	5.1%	100%	
Yellow birch	1.8%	3.1%	0.5%	0.0%	0.4%	1.6%	26.1%	65.4%	6.1%	-	2.5%	100%	
Other species	6.8%	3.7%	8.7%	12.8%	25.6%	8.8%	17.7%	13.9%	18.5%	24.4%	25.5%	100%	
Total	100%	100%	100%	100%	100%	100%	22.9%	33.1%	18.6%	16.7%	8.7%	100%	